

CHEMICAL PROCESSORS, INC./RESOURCE RECOVERY CORP.

2203 Airport Way So., Suite 400 • Seattle, WA 98134
Chempro (206) 223-0500

Resource Recovery (206) 223-0900
WAD061672812

1599
25871

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039. Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. WAD 980138546		Manifest Document No. 25871		2. Page 1 of 1		Information in the shaded areas is not required by Federal law.									
3. Generator's Name and Mailing Address ALASKAN COPPER WORKS 628 SO. HANFORD, Seattle, WA 98134						A. State Manifest Document Number											
4. Generator's Phone (206) 623 5800 ex 233						B. State Generator's ID											
5. Transporter 1 Company Name Resource Recovery						C. State Transporter's ID											
6. US EPA ID Number WAD 061672812						D. Transporter's Phone (206) 2230900											
7. Transporter 2 Company Name						E. State Transporter's ID											
8. US EPA ID Number						F. Transporter's Phone											
9. Designated Facility Name and Site Address <input type="checkbox"/> Chempro 734 So. Lucile St. Seattle, WA (206) 762-3362 <input type="checkbox"/> Chempro 1701 Alexander Tacoma, WA (206) 838-4774 <input checked="" type="checkbox"/> Chempro 20245 76th Ave. South Kent, WA (206) 872-8030 <input type="checkbox"/> Other:						10. US EPA ID Number WAD 000812909 WAD 020257945 WAD 991281767											
						G. State Facility's ID											
						H. Facility's Phone (206) 872-8030											
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)						12. Containers		13. Total Quantity		14. Unit Wt/Vol		15. Waste No.					
a. HM RQ Hazardous waste Liquid NAs ORM-E NA 9189						4 DF		220 gall		190		2007 W102					
b.																	
c.																	
d.																	
J. Additional Descriptions for Materials Listed Above CP 49173						K. Handling Codes for Wastes Listed Above											
15. Special Handling Instructions and Additional Information																	
GENERATOR EMERGENCY TELEPHONE (206) 623 5801 - ext 211 <input type="checkbox"/> CERTIFICATE OF DESTRUCTION/DISPOSAL REQUIRED																	
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.																	
Printed/Typed Name WAYNE LARSEN						Signature Wayne Larsen				Month Day Year 13 15 91							
17. Transporter 1 Acknowledgement of Receipt of Materials						Printed/Typed Name Jim A Rouse				Signature Jim A Rouse				Month Day Year 13 15 91			
18. Transporter 2 Acknowledgement of Receipt of Materials						Printed/Typed Name				Signature				Month Day Year			
19. Discrepancy Indication Space																	
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.																	
Printed/Typed Name MARTIN MEHTON						Signature Martyn Mehton				Month Day Year 03 15 91							

EPA Form 8700-22 (Rev. 9/88) Previous editions are obsolete.

HDQ

ORIGINAL — RETURN TO GENERATOR

AKC-0018542

**RESOURCE RECOVERY CORP.**

A CHEMPRO COMPANY

5501 AIRPORT WAY SO.
OFFICE (206) 767-0355SEATTLE, WASH. 98108
DISPATCH (206) 824-1878**BILL OF LADING****333997**ORIGIN SEATTLE Washington DATE 3/25 19 91SHIPPER Alaskan Copper WorksCONSIGNEE Chemical Processors IncorporatedDESTINATION Kent, Washington (Chempro 5)

SHIPPERS NO.

ORDER NO.

2587110843IN THE ABSENCE OF A BILL OF LADING SUPPLIED BY THE SHIPPER, THIS TRUCK LOADING ORDER
WILL BECOME A LEGAL BILL OF LADING. TRANSPORTATION SUBJECT TO PUC REGULATIONS.**FOR OFFICE USE ONLY**

QUANTITY	DOT PROPER SHIPPING NAME	HAZARD CLASS	HAZ. MATERIAL I.D. NUMBER	WEIGHT	RATE	FREIGHT
4 DF	^{PO} HAZARDOUS WASTE, Liquid, NOS.	ORM-E	NA9189			

GROSS _____ SHIPPER Wang

TARE _____ CONSIGNEE _____

NET _____ TRANSPORTED BY Jemalouse

PUC REGULATIONS REQUIRE PAYMENT OF THIS BILL IN SEVEN DAYS.

ORIGINAL FREIGHT BILL

PLEASE PAY
THIS AMOUNT

CHEMICAL PROCESSORS, INC./RESOURCE RECOVERY CORP.

2203 Airport Way So., Suite 400 • Seattle, WA 98134
Chempro (206) 223-0500

Resource Recovery (206) 223-0900
WAD061672812

25871

Please print or type
(Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039. Expires 9-30-91

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA ID No. WAD 980138546	Manifest Document No. 25871	2. Page 1 of 1	Information in the shaded areas is not required by Federal law.	
3. Generator's Name and Mailing Address ALASKAN COPPER WORKS 628 So. Hanford 98134				A. State Manifest Document Number		
4. Generator's Phone (206) 623 5800 x 233				B. State Generator's ID		
5. Transporter 1 Company Name Resource Recovery		6. US EPA ID Number WAD 061672812		C. State Transporter's ID		
7. Transporter 2 Company Name		8. US EPA ID Number		D. Transporter's Phone (206) 223 0900		
9. Designated Facility Name and Site Address <input type="checkbox"/> Chempro 734 So. Lucile St. Seattle, WA (206) 762-3362 <input type="checkbox"/> Chempro 1701 Alexander Tacoma, WA (206) 838-4774 <input checked="" type="checkbox"/> Chempro 20245 76th Ave. South Kent, WA (206) 872-8030 <input type="checkbox"/> Other:		10. US EPA ID Number WAD 000812909 WAD 020257945 WAD 991281767		E. State Transporter's ID		
				F. Transporter's Phone		
				G. State Facility's ID		
				H. Facility's Phone (206) 872-8030		
11. US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)				12. Containers No.	13. Total Quantity	14. Unit Wt/Vol
a. RM Hazardous waste liquid NCS ORME NA 9187				4	DF	220
b.						
c.						
d.						
J. Additional Descriptions for Materials Listed Above CP 49173				K. Handling Codes for Wastes Listed Above		
15. Special Handling Instructions and Additional Information GENERATOR EMERGENCY TELEPHONE (206) 623 5801-2421 <input type="checkbox"/> CERTIFICATE OF DESTRUCTION/DISPOSAL REQUIRED						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national governmental regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name WAYNE LARSEN		Signature Wayne Larsen		Month Day Year 13 25 91		
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed/Typed Name Jim A Pouse		Signature Jim A Pouse		Month Day Year 13 25 91
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed/Typed Name		Signature		Month Day Year
19. Discrepancy Indication Space						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name		Signature		Month Day Year		

GENERATOR'S COPY

RCRA LAND DISPOSAL RESTRICTION NOTIFICATION FORM-EZ

(This form is applicable for characteristic wastes D001-D011 and/or F-listed solvent wastes F001-F005)

Generator: Alaska Copper Works
Chempro Profile No. 49173

U.S. EPA I.D. No. WA D9807 38546
Manifest No. 25871

This notification is submitted to Chempro's treatment facility in accordance with U.S. EPA regulations, 40 CFR 268.7(a)(1). The hazardous waste, as designated by a check mark in the associated box(es), is included in this waste shipment and is restricted and banned from land disposal unless treated to standards as indicated. The reverse side of this form provides treatment standards for F001-F005 wastes, "California List" wastes, and applicable variances.

Waste Analysis Data are: ☐ Attached ☐ Not Attached

CONCENTRATION-BASED STANDARDS: The treatment standards for metal-bearing wastes (D004-D011) are listed in 40 CFR 268.43(a) for wastewaters and in 40 CFR 268.41(a) for nonwastewaters. The treatment standards for Reactive Cyanide (D003) waste are listed in 40 CFR 268.43(a).

Waste Code	Regulated Hazardous Constituent	Treatability Group		
<input type="checkbox"/> D003	Reactive Cyanides based on 261.23(a)(5)	<input type="checkbox"/> Wastewater	<input type="checkbox"/> Nonwastewater	
<input type="checkbox"/> D004	Arsenic	<input type="checkbox"/> Wastewater	<input type="checkbox"/> Nonwastewater	<input type="checkbox"/> Inorganic Solid Debris
<input type="checkbox"/> D005	Barium	<input type="checkbox"/> Wastewater	<input type="checkbox"/> Nonwastewater	<input type="checkbox"/> Inorganic Solid Debris
<input type="checkbox"/> D006	Cadmium (except Batteries, see below)	<input type="checkbox"/> Wastewater	<input type="checkbox"/> Nonwastewater	<input type="checkbox"/> Inorganic Solid Debris
<input checked="" type="checkbox"/> D007	Chromium	<input type="checkbox"/> Wastewater	<input checked="" type="checkbox"/> Nonwastewater	<input type="checkbox"/> Inorganic Solid Debris
<input type="checkbox"/> D008	Lead (except Lead Acid Batteries, see below)	<input type="checkbox"/> Wastewater	<input type="checkbox"/> Nonwastewater	<input type="checkbox"/> Inorganic Solid Debris
<input type="checkbox"/> D009	Mercury (< 260 mg/kg Total Mercury)	<input type="checkbox"/> Wastewater	<input type="checkbox"/> Nonwastewater	<input type="checkbox"/> Inorganic Solid Debris
<input type="checkbox"/> D010	Selenium	<input type="checkbox"/> Wastewater	<input type="checkbox"/> Nonwastewater	<input type="checkbox"/> Inorganic Solid Debris
<input type="checkbox"/> D011	Silver	<input type="checkbox"/> Wastewater	<input type="checkbox"/> Nonwastewater	<input type="checkbox"/> Inorganic Solid Debris

TECHNOLOGY-BASED STANDARDS: The treatment standards expressed as technology-based standards are listed in 40 CFR 268.42(a).

Waste Code	Waste Description and/or Treatment Subcategory	Treatability Group		Treatment Code
<input type="checkbox"/> D001	Low TOC Ignitable Liquids (< 10% Total Organic Carbon)	Nonwastewater		DEACT
<input type="checkbox"/> D001	High TOC Ignitable Liquids (≥ 10% Total Organic Carbon)	Nonwastewater		FSUBS, RORGS or INCIN
<input type="checkbox"/> D001	Ignitable Compressed Gases based on 261.21(a)(3)	Not Applicable		DEACT
<input type="checkbox"/> D001	Ignitable Reactives based on 261.21(a)(3)	Not Applicable		DEACT
<input type="checkbox"/> D001	Oxidizers based on 261.21(a)(4)	<input type="checkbox"/> Wastewater	<input type="checkbox"/> Nonwastewater	DEACT
<input type="checkbox"/> D002	Acid Subcategory, pH < 2	<input type="checkbox"/> Wastewater	<input type="checkbox"/> Nonwastewater	DEACT
<input type="checkbox"/> D002	Alkaline Subcategory, pH ≥ 12.5	<input type="checkbox"/> Wastewater	<input type="checkbox"/> Nonwastewater	DEACT
<input type="checkbox"/> D002	Other Corrosives based on 261.22(a)(2)	<input type="checkbox"/> Wastewater	<input type="checkbox"/> Nonwastewater	DEACT
<input type="checkbox"/> D003	Reactive Sulfides based on 261.23(a)(5)	<input type="checkbox"/> Wastewater	<input type="checkbox"/> Nonwastewater	DEACT
<input type="checkbox"/> D003	Explosives 261.23(a)(6), (7) and (8)	<input type="checkbox"/> Wastewater	<input type="checkbox"/> Nonwastewater	DEACT
<input type="checkbox"/> D003	Water Reactives 261.23(a)(2), (3) and (4)	Nonwastewater		DEACT
<input type="checkbox"/> D003	Other Reactives 261.23(a)(1)	<input type="checkbox"/> Wastewater	<input type="checkbox"/> Nonwastewater	DEACT
<input type="checkbox"/> D006	Cadmium Containing Batteries	Nonwastewater		RTHRM
<input type="checkbox"/> D008	Lead Acid Batteries	Nonwastewater		RLEAD
<input type="checkbox"/> D009	High Mercury (≥ 260 mg/kg Total Mercury) with Organics	Nonwastewater		RMERC
<input type="checkbox"/> D009	High Mercury (≥ 260 mg/kg Total Mercury) with Inorganics	Nonwastewater		IMERC or RMERC

RCRA F-LISTED WASTE: The treatment standards for F-listed wastes (nonpharmaceutical) are provided on the reverse side of this form. The specific F-listed chemical constituent(s), applicable to the hazardous waste in this waste shipment, are indicated in the space provided below.

Waste Code	Treatability Group	F-Listed Chemical Constituent(s)	Treatment Standard
<input type="checkbox"/> F001	<input type="checkbox"/> Wastewater <input type="checkbox"/> Nonwastewater		see reverse side
<input type="checkbox"/> F002	<input type="checkbox"/> Wastewater <input type="checkbox"/> Nonwastewater		see reverse side
<input type="checkbox"/> F003	<input type="checkbox"/> Wastewater <input type="checkbox"/> Nonwastewater		see reverse side
<input type="checkbox"/> F004	<input type="checkbox"/> Wastewater <input type="checkbox"/> Nonwastewater		see reverse side
<input type="checkbox"/> F005	<input type="checkbox"/> Wastewater <input type="checkbox"/> Nonwastewater		see reverse side

CALIFORNIA LIST RESTRICTIONS: The hazardous waste included in this waste shipment exceeds the following "California List" prohibition levels as set forth in 40 CFR 268.32 and RCRA 3004(d). Treatment standards are provided on the reverse side of this form. If applicable, the restricted metal present is circled.

☐ HOCs ≥ 1,000 ppm ☐ Cyanides ≥ 1,000 ppm ☐ PCB liquids ≥ 50 ppm ☐ Liquids with restricted metals, Hg, Ni, Se, Th, as circled.



GENERAL INTERNAL PURCHASE REQUISITION

ITEM NO.	ACCT. NO.	QUANTITY	UNIT	DESCRIPTION & PART NUMBERS	UNIT PRICE	TOTAL LINE ITEM PRICE
1		4	lb	Barrels of tank Bottom Sludge from nitric acid tank This PC is for Possible disposal... 3200 acid tank # 1200 <u>① ② ③ ④</u> man 25871 CP 49173		

REQUESTED BY

DATE _____

APPROVED BY

DATE _____

PURPOSE OR USE

P.O. NUMBER

M19035

DELIVERY NEEDED BY

VENDOR C

Chemical Processes

SHIP TO ADDRESS

CONTACT

TELEPHONE
NO. 234-6776

**SUGGESTED
ENDOR**

**DELIVERY
PROMISED**

SHIP VIA TT

AC 9043/R 12-85

GENERATOR'S WASTE MATERIAL PROFILE SHEET (Continued)

G. OTHER CHARACTERISTICS OF THE WASTE

1. This waste is: (see instructions) ☐ Wastewater ☐ Nonwastewater
2. This waste is: (see instructions) ☐ Organic ☐ Organo-Metallic ☐ Inorganic
3. Is this waste any of the following: ☐ Ignitable Solid ☐ Water Reactive ☐ Reactive (other)
- ☐ Oxidizer ☐ Shock Sensitive ☐ None Apply

H. USEPA/STATE WASTE IDENTIFICATION

1. Hazardous/Dangerous Waste? ☒ Yes ☐ No
2. Dept. of Ecology Designation ☒ DW ☐ EHW
3. PCB Regulated By TSCA? ☐ Yes ☒ No
4. List ALL Applicable Waste Numbers: 0006 0007 W102

I. SHIPPING INFORMATION

1. Is this a DOT Hazardous Material? ☐ Yes ☐ No
2. Reportable Quantity (RQ): 55 gallons Plastic
3. Method of Shipment: ☐ Bulk Liquid ☐ Bulk Solid ☐ Container (Type/Size): 55 gallons Plastic
4. Number of Units to Ship Now: 34
5. ☐ One Time - OR - Anticipated Volume/Units per Year: _____

US DOT DESCRIPTION:

6. PROPER SHIPPING NAME _____

(If generic "n.o.s.", indicate two predominant constituents in parenthesis)

7. HAZARD CLASS _____

8. DOT ID NUMBER _____

9. ADDITIONAL DESCRIPTION _____

J. SPECIAL HANDLING INFORMATION

K. GENERATOR CERTIFICATION: I hereby certify that all information submitted in this and all attached documents contains true and accurate descriptions of this waste material, and all relevant information regarding known or suspected hazards in the possession of the generator has been disclosed.

1. SIGNATURE _____
2. TITLE _____
3. NAME (type or print) _____
4. DATE _____

FOR CHEMPRO USE ONLY

ADDITIONAL TESTING REQUIREMENTS

Analyze sample on the following basis: ☐ Total ☐ TCLP ☐ EP TOX

- METALS: ☐ Arsenic (As) ☐ Selenium (Se) ☐ Barium (Ba) ☐ Silver (Ag) ☐ Cadmium (Cd) ☐ Nickel (Ni) ☐ Chromium (Cr) ☐ Thallium (Tl) ☐ Lead (Pb) ☐ Zinc (Zn) ☐ Mercury (Hg) ☐ Copper (Cu)
- DISCHARGE METALS: _____ (Cd, Cr, Cu, Pb, Ni, Zn)
- TC METALS (D004-11): _____ (As, Ba, Cd, Cr, Pb, Hg, Se, Ag)
- F006 TCLP METALS: _____ (Cd, Cr, Pb, Ni, Ag)
- PROFILE METALS: _____ (As, Ba, Cd, Cr, Hg, Pb, Se, Ag, Cu, Ni, Zn, Tl)
- OTHER (list separately): _____

MISCELLANEOUS TESTING

PCB _____ TCT _____ TPH _____ BETX _____ CHLOR-D-TECT _____ DOHRMANN _____

CYANIDE _____ ppm PHENOLICS _____ ppm OTHER _____

GC/MS TESTING ANALYSES

Total _____ - OR - TCLP/ZHE _____

TC Organics (D012-D043) ☐ All - OR - Individual (list D-codes): _____

F-LISTED SOLVENTS _____ OR _____

CHLORINATED SOLVENTS _____

BILL: _____ CREDIT: _____ CHECK: _____ PO#: _____

CHEMPRO AUTHORIZATION: _____

COMMENTS: _____

March 18, 1991



A Burlington
Environmental Inc.
Company

Mr. Wayne Larsen
ALASKAN COPPER WORKS
P.O. Box 3546
Seattle, WA 98124

Dear Mr. Larsen:

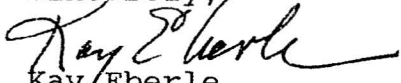
The waste material described in this Profile sheet(s) has been reviewed by Chempro, CP# 49173

This material is acceptable for recycling and/or disposal. Chempro has the appropriate permit(s) for, and will accept this waste. This is in accord with WAC 173-303-290.

1. Sign and return to Chempro one copy of the Waste Transportation and Management Agreement and/or one copy of the Exhibit A/B which are enclosed. The second copy is for your file. If a contract is already in place you will receive only the Exhibit A/B's. If you make any changes to this contract without Chempro's agreement the contract is not valid.
2. If you do not have previously established credit with Chempro or have not received approval on your credit application, please contact your sales representative.
3. Complete the enclosed Uniform Hazardous Waste Manifest. This is a federal document with state requirements included and must be filled out correctly. Refer to the instructions on the back of the manifest and the copy of your Profile for the information you need. **DO NOT MAIL THE MANIFEST. IT MUST ACCOMPANY THE SHIPMENT.**
4. Make two copies of the Landfill Notification form, (if attached to the profile) complete the generator information, attach one copy to the Manifest and retain one copy for your records.
5. Fill out the Hazardous Waste labels and apply to each drum along with the hazard class label.

When these steps are complete and credit is approved you may arrange shipment. If you wish Resource Recovery to handle transportation for you, please call our Sales Office to place a pick up order.

Sincerely,


Kay Eberle
Sales Coordinator

CHEMICAL PROCESSORS, INC.
2203 Airport Way South . Suite 400 • Seattle, Washington 98134
(206) 223-0500 • FAX: 223-7791

AKC-0018550

EXHIBIT A

Generator: ALASKAN COPPER WORKS

Waste Material Profile Sheet(s) No(s) 49173

- a. () Loading of the described waste material (the "Waste Materials") onto transportation vehicles, cars or vessels.
- b. () Transportation of the Waste Materials from:

to the permitted waste management facility at:

by: _____

and/or _____

- c. () Receipt of the Waste Materials from:

628 South Hanford

Seattle, Washington 98134

to the permitted Waste Management facility at

20245 76th Avenue South

Kent, Washington 98032

Place, Time and Frequency and Quantity(ies) and Transfer of Title to Waste Materials: 8:00am - 4:30pm Weekdays, except holidays, weather permitting.

EXHIBIT B

PROFILE AND DISPOSAL FEE:

49173: \$150.00 profile fee
\$450.00 55 gallon drum

Disposal fees do not include transportation

By their signature hereto, the parties agree that these Exhibits A and B, including the referenced Waste Material Profile Sheet(s), shall be considered an attachment to, and part of, that certain "Waste Transportation and Management Agreement" identified above.

CHEMICAL PROCESSORS, INC.

Company

Harold C. Williams
Signature

Harold C. Williams

Print Name

Division Sales Manager

Title

Date

3/18/91

ALASKAN COPPER WORKS

Company

Wayne Larsen
Signature

WAYNE LARSEN

Print Name

Fac. Cent. Coordinator
Title

Date

3/20/91

March 18, 1991



A Burlington
Environmental Inc.
Company

Mr. Wayne Larsen
ALASKAN COPPER WORKS

Re: Generator's Waste Material Profile Sheet 49173

Dear Mr. Larsen:

Confirming our telephone conversation today, you have authorized Chemical Processor's Inc, to make the changes below to the above mentioned referenced profile sheet.

Section:

D.6: 6-8

H.2: DW

H.4: Delete D006

Sincerely,

Sharon Thornton
Sales Coordinator

CHEMICAL PROCESSORS, INC.
2203 Airport Way South . Suite 400 • Seattle, Washington 98134
(206) 223-0500 • FAX: 223-7791

AKC-0018553



CHEMPRO

GENERATOR'S WASTE MATERIAL PROFILE SHEET

PLEASE PRINT IN INK OR TYPE

2/28/91

CP# 49173

PO# M 19035

CHEMPRO SALES REP.: AH/ST

A. GENERATOR INFORMATION

1. Generator Name: ALASKAN COPPER WORKS 2. Generator, USEPA ID# WAD 980738546
3. Facility Address: 628 So Harbor City: SEATTLE State: WA Zip Code: 98134
4. Generator Contact: WAYNE LARSEN 5. Title: cost coord. 6. Phone: (206) 623-5800
7. Consultant (if any): _____ 8. Company: _____ 9. Phone: () - -

B. MAIL CHEMPRO INVOICES TO:

1. ☒ Generating Facility at above address, or: _____ 3. Phone: () - -
2. Company Name: WAYNE LARSEN
4. Address: POST OFFICE BOX 3546 City: SEATTLE State: WA Zip Code: 98124
5. Attention: WAYNE LARSEN

C. WASTE INFORMATION

1. Name Of Waste: Tank Bottom Sludge - non plating
2. Process Generating Waste (be specific): passivating tank (Stainless Steel)

3. Generator has provided the following: ☒ Sample ☐ MSDS ☒ Waste Analysis

D. PHYSICAL CHARACTERISTICS OF WASTE

1. Color: DARK BROWN
2. Physical State @ 70°F: ☒ Solid ☐ Semi-Solid ☐ Liquid ☐ Powder
Other: _____
3. Layers: ☐ Multi-layered ☐ Bi-layered ☒ Single Phased
4. Specific Gravity: ☐ < 0.8 ☐ 1.1-1.2 ☐ 0.8-1.0 ☐ 1.3-1.4
Exact/Other: _____
5. Free Liquids: ☒ No ☐ Yes % 98

6. pH: ☐ NA ☐ < 2 ☐ 2-4 ☐ 4-6 ☒ 6-8 ☐ 8-10 ☐ 10-12.5 ☐ > 12.5 ☐ Range: _____

7. Liquid Flash Point: ☐ < 70°F ☐ 70-99°F ☐ 100-139°F ☐ 140-199°F ☐ > 200°F ☒ None ☐ Closed Cup ☐ Open Cup

E. TOTAL COMPOSITION OF WASTE

1. List all hazardous and non-hazardous constituents of waste.

* Nitric Acid
* Sodium Hydroxide
* Heavy metals
* Polymer
* Fluorescent Delta Flocc II
* Ammonium bifluoride

PLEASE NOTE: The TOTAL in the chemical composition must be greater than or equal to 100%.

2. Indicate if this waste contains any of the following:

PCB ☒ Not Tested or Concentration _____ ppm
Cyanides ☒ _____ ppm
Phenolics ☒ _____ ppm
Sulfides ☒ _____ ppm

RANGE	
MIN.	MAX.
-	10
-	10
-	80
-	100

F. METALS: Indicate if this waste contains any of the following metals, and which test method was used to determine:

☐ TCLP ☐ EP TOX ☐ TOTAL ☐ Not Tested

METAL	WASTE No.	LESS THAN	ACTUAL
Arsenic (As)	D004	<input type="checkbox"/> < 5 ppm	<u>0.12</u> ppm.
Barium (Ba)	D005	<input type="checkbox"/> < 100 ppm	<u>0.07</u> ppm.
Cadmium (Cd)	D006	<input type="checkbox"/> < 1 ppm	<u>0.04</u> ppm.
Chromium (Cr)	D007	<input type="checkbox"/> < 5 ppm	<u>12</u> ppm.
Lead (Pb)	D008	<input type="checkbox"/> < 5 ppm	<u>0.27</u> ppm.
Mercury (Hg)	D009	<input type="checkbox"/> < 0.2 ppm	<u>0.09</u> ppm.
Selenium (Se)	D010	<input type="checkbox"/> < 1 ppm	<u>0.10</u> ppm.
Silver (Ag)	D011	<input type="checkbox"/> < 5 ppm	<u>0.03</u> ppm.

Nickel (Ni) ☐ < 134 ppm _____ ppm.
Thallium (Ti) ☐ < 120 ppm _____ ppm.
Zinc (Zn) _____ ppm.
Copper (Cu) _____ ppm.

TURN PAGE AND COMPLETE OTHER SIDE

AKC-0018554

GENERATOR'S WASTE MATERIAL PROFILE SHEET (Continued)

G. OTHER CHARACTERISTICS OF THE WASTE

- | | | |
|---|--|---|
| 1. This waste is:
(see instructions) | <input type="checkbox"/> Wastewater | <input checked="" type="checkbox"/> Nonwastewater |
| 2. This waste is:
(see instructions) | <input type="checkbox"/> Organic | <input type="checkbox"/> Organo-Metallic |
| 3. Is this waste any of the following: | <input type="checkbox"/> Ignitable Solid | <input type="checkbox"/> Water Reactive |
| | <input type="checkbox"/> Oxidizer | <input type="checkbox"/> Shock Sensitive |
| | | <input checked="" type="checkbox"/> Inorganic |
| | | <input type="checkbox"/> Reactive (other) |
| | | <input checked="" type="checkbox"/> None Apply |

H. USEPA/STATE WASTE IDENTIFICATION

- | | |
|---|---|
| 1. Hazardous/Dangerous Waste? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 2. Dept. of Ecology Designation <input checked="" type="checkbox"/> DW <input type="checkbox"/> EHW |
| 3. PCB Regulated By TSCA? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 4. List ALL Applicable Waste Numbers: <u>2007 W10 2</u> |

I. SHIPPING INFORMATION

- | | |
|--|--|
| 1. Is this a DOT Hazardous Material? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | 2. Reportable Quantity (RQ): <u>10</u> |
| 3. Method of Shipment: <input type="checkbox"/> Bulk Liquid <input type="checkbox"/> Bulk Solid | <input checked="" type="checkbox"/> Container (Type/Size): <u>55 gallons Plastic</u> |
| 4. Number of Units to Ship Now: <u>5</u> | 5. <input type="checkbox"/> One Time - OR - Anticipated Volume/Units per Year: <u>14,000 Gallons</u> |

US DOT DESCRIPTION:

(RQ) Hazardous waste liquid, N.O.S. (If generic "n.o.s.", indicate two predominant constituents in parenthesis)

6. PROPER SHIPPING NAME <u>ORM-E</u>	8. DOT ID NUMBER <u>NA 9189</u>	9. ADDITIONAL DESCRIPTION <u>(2007)</u>
7. HAZARD CLASS		

J. SPECIAL HANDLING INFORMATION

K. GENERATOR CERTIFICATION: I hereby certify that all information submitted in this and all attached documents contains true and accurate descriptions of this waste material, and all relevant information regarding known or suspected hazards in the possession of the generator has been disclosed.

- | | |
|--|--------------------------------|
| 1. <u>Wayne Larsen</u>
SIGNATURE | 2. <u>FAC. CORDEN</u>
TITLE |
| 3. <u>WAYNE LARSEN</u>
NAME (type or print) | 4. <u>3/14/91</u>
DATE |

FOR CHEMPRO USE ONLY

ADDITIONAL TESTING REQUIREMENTS

Analyze sample on the following basis: ☐ Total ☐ TCLP ☐ EP TOX

METALS: <input type="checkbox"/> Arsenic (As) <input type="checkbox"/> Barium (Ba) <input type="checkbox"/> Cadmium (Cd) <input type="checkbox"/> Chromium (Cr) <input type="checkbox"/> Lead (Pb) <input type="checkbox"/> Mercury (Hg)	<input type="checkbox"/> Selenium (Se) <input type="checkbox"/> Silver (Ag) <input type="checkbox"/> Nickel (Ni) <input type="checkbox"/> Thallium (Tl) <input type="checkbox"/> Zinc (Zn) <input type="checkbox"/> Copper (Cu)	DISCHARGE METALS: _____ (Cd, Cr, Cu, Pb, Ni, Zn) TC METALS (D004-11): _____ (As, Ba, Cd, Cr, Pb, Hg, Se, Ag) F006 TCLP METALS: _____ (Cd, Cr, Pb, Ni, Ag) PROFILE METALS: _____ (As, Ba, Cd, Cr, Hg, Pb, Se, Ag, Cu, Ni, Zn, Tl) OTHER (list separately): _____
---	--	--

MISCELLANEOUS TESTING

PCB _____ TCT _____ TPH _____ BETX _____ CHLOR-D-TECT _____ DOHRMANN _____
 CYANIDE _____ ppm PHENOLICS _____ ppm OTHER _____

GC/MS TESTING ANALYSES

Total _____ - OR - TCLP/ZHE _____

TC Organics (D012-D043) ☐ All - OR - Individual (list D-codes): _____

F-LISTED SOLVENTS _____ OR _____

CHLORINATED SOLVENTS _____

BILL: _____ CREDIT: _____ CHECK: _____ PO#: _____

CHEMPRO AUTHORIZATION: _____

COMMENTS: _____



CHEMPRO

GENERATOR'S WASTE MATERIAL PROFILE SHEET

PLEASE PRINT IN INK OR TYPE

CP# 49173

CHEMPRO SALES REP.:

A. GENERATOR INFORMATION

1. Generator Name: ALASKAN Copper Works 2. Generator, USEPA ID# WA0980738546
3. Facility Address: 628 So Hanford
City: Seattle State: WA Zip Code: 98134
4. Generator Contact WAYNE LARSEN 5. Title: Cont coord. 6. Phone: (206) 623-5800
7. Consultant (if any): _____ 8. Company: _____ 9. Phone: () - -

B. MAIL CHEMPRO INVOICES TO:

1. ☒ Generating Facility at above address, or: _____ 3. Phone: () - -
2. Company Name: WAYNE LARSEN
4. Address: Post Office Box 3546
City: Seattle State: WA Zip Code: 98124
5. Attention: WAYNE LARSEN

C. WASTE INFORMATION

1. Name Of Waste: Tank Bottom Sludge
2. Process Generating Waste (be specific): _____

3. Generator has provided the following: ☒ Sample ☐ MSDS ☒ Waste Analysis

D. PHYSICAL CHARACTERISTICS OF WASTE

1. Color: DARK BROWN
2. Physical State @ 70 F: ☒ Solid ☐ Semi-Solid ☐ Liquid ☐ Powder
Other: _____
3. Layers: ☐ Multi-layered ☐ Bi-Layered ☒ Single Phased
4. Specific Gravity: ☐ < 0.8 ☐ 1.1-1.2 ☐ 0.8-1.0 ☐ 1.3-1.4
Exact/Other: _____
5. Free Liquids: ☒ No ☐ Yes
% 98.

6. pH: ☐ NA ☐ < 2 ☐ 2-4 ☐ 4-6 ☐ 6-8 ☒ 8-10 ☐ 10-12.5 ☐ > 12.5 ☐ Range: _____

7. Liquid Flash Point: ☐ < 70°F ☐ 70-99°F ☐ 100-139°F ☐ 140-199°F ☐ > 200°F ☒ None ☐ Closed Cup ☐ Open Cup

E. TOTAL COMPOSITION OF WASTE

1. List all hazardous and non-hazardous constituents of waste.

Nitric Acid
Sodium Hydroxide
Heavy metals
Polymer
Fluorocarbon

RANGE
MIN. - MAX.

TOTAL _____ %

F. METALS: Indicate if this waste contains any of the following metals, and which test method was used to determine:

☐ TCLP ☐ EP TOX ☐ TOTAL ☐ Not Tested

METAL	WASTE No.	LESS THAN	ACTUAL
Arsenic (As)	D004	<input type="checkbox"/> < 5 ppm	<u>0.12</u> ppm.
Barium (Ba)	D005	<input type="checkbox"/> < 100 ppm	<u>0.07</u> ppm.
Cadmium (Cd)	D006	<input type="checkbox"/> < 1 ppm	<u>0.04</u> ppm.
Chromium (Cr)	D007	<input type="checkbox"/> < 5 ppm	<u>12</u> ppm.
Lead (Pb)	D008	<input type="checkbox"/> < 5 ppm	<u>0.27</u> ppm.
Mercury (Hg)	D009	<input type="checkbox"/> < 0.2 ppm	<u>0.09</u> ppm.
Selenium (Se)	D010	<input type="checkbox"/> < 1 ppm	<u>0.10</u> ppm.
Silver (Ag)	D011	<input type="checkbox"/> < 5 ppm	<u>0.03</u> ppm.

Nickel (Ni) ☐ < 134 ppm _____ ppm.
Thallium (Ti) ☐ < 120 ppm _____ ppm.
Zinc (Zn) _____ ppm.
Copper (Cu) _____ ppm.

PLEASE NOTE: The TOTAL in the chemical composition must be greater than or equal to 100%.

2. Indicate if this waste contains any of the following:

	Not Tested	Concentration
PCB	<input type="checkbox"/>	_____ ppm
Cyanides	<input type="checkbox"/>	_____ ppm
Phenolics	<input type="checkbox"/>	_____ ppm
Sulfides	<input type="checkbox"/>	_____ ppm

TURN PAGE AND COMPLETE OTHER SIDE

AKC-0018556